Fig. 1

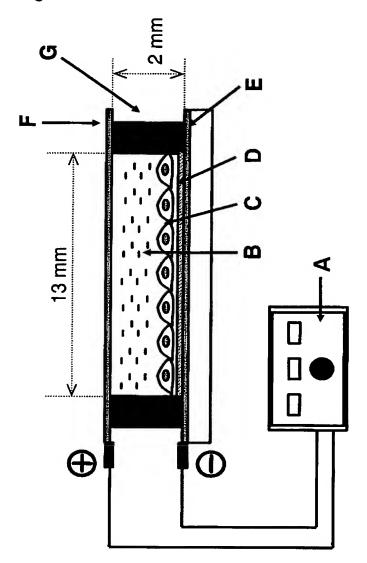


Fig. 2

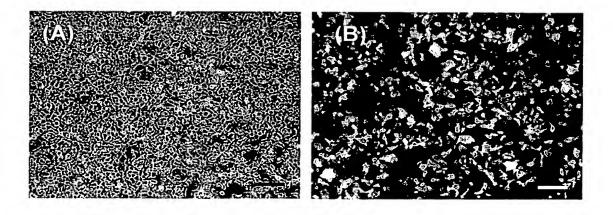


Fig. 3

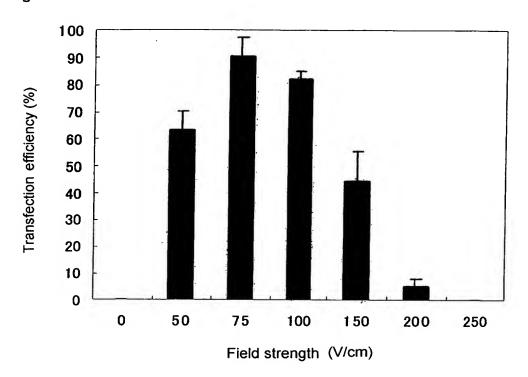
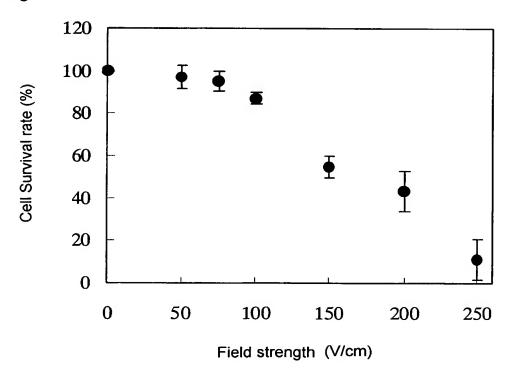


Fig. 4



5

Fig. 5

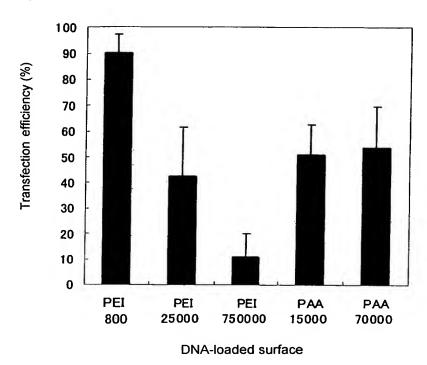
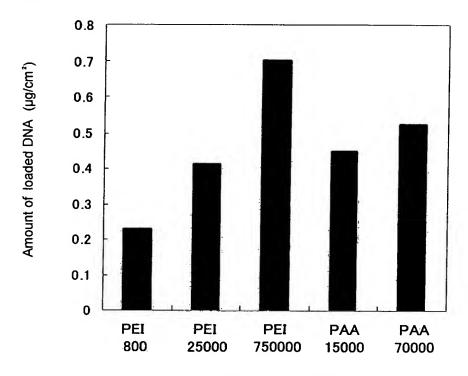


Fig. 6



DNA-loaded surface

Fig. 7

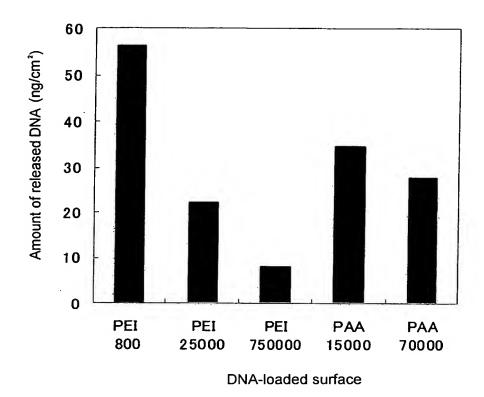


Fig. 8

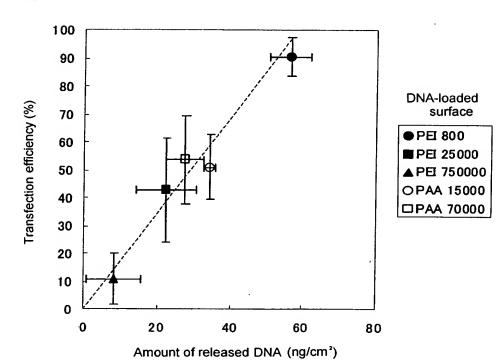
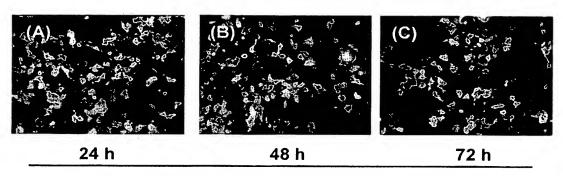
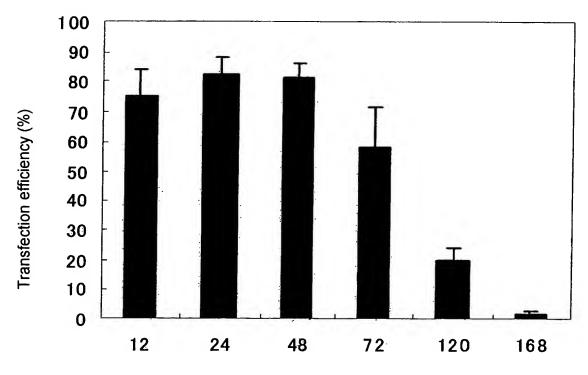


Fig. 9



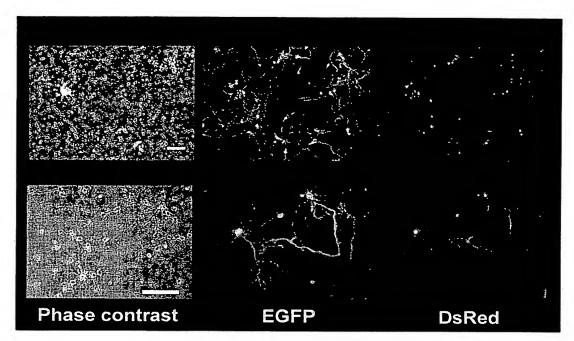
Cell incubation time (hour) before applying an electric pulse on the plasmid DNA-loaded electrode

5 Fig. 10



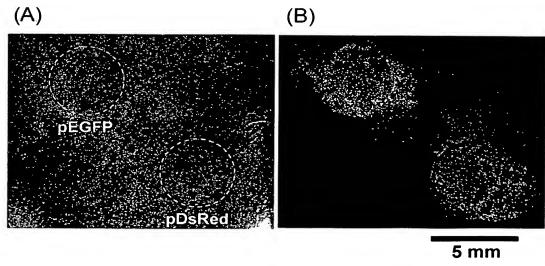
Cell incubation time (hour) before applying an electric pulse on the plasmid DNA-loaded electrode

Fig. 11



Scale bar 200 µm

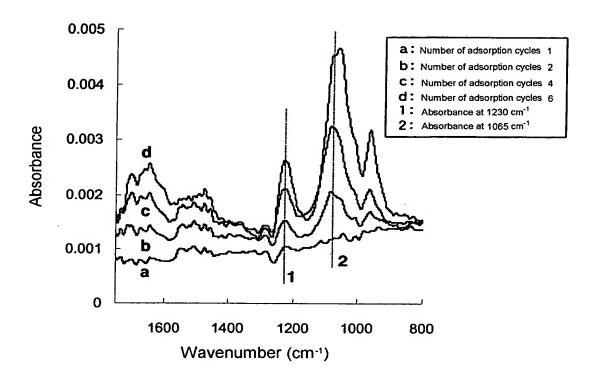
5 Fig. 12



Phase contrast

Fluorescence

Fig. 13



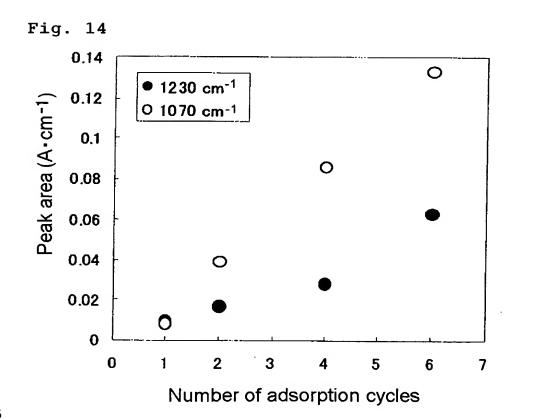
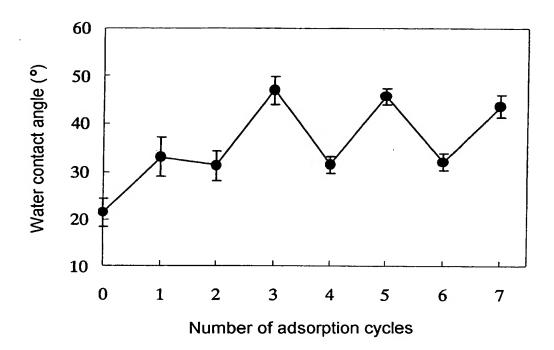


Fig. 15



5 Fig. 16

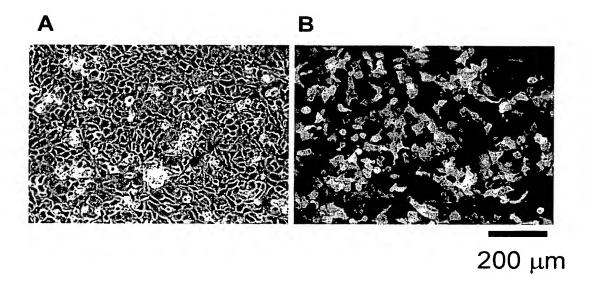


Fig. 17

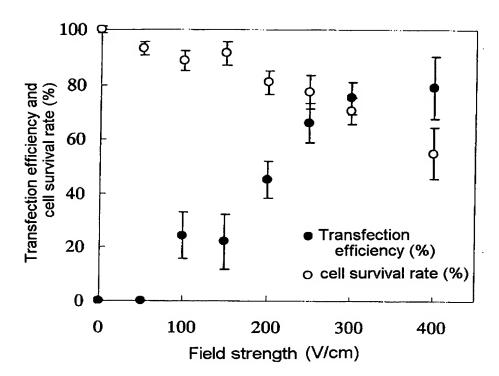


Fig. 18

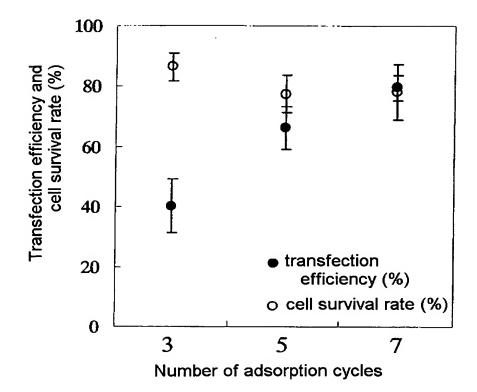


Fig. 19

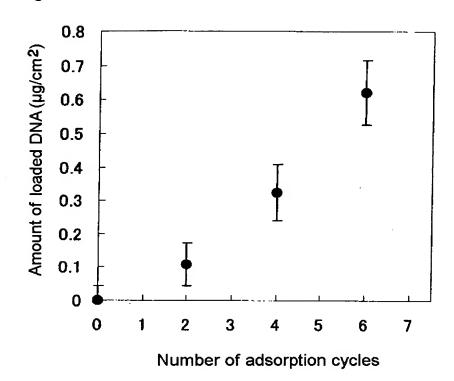


Fig. 20

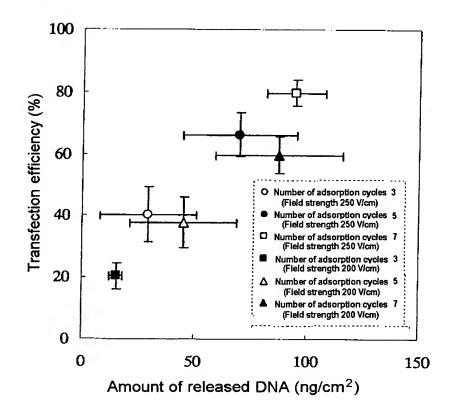
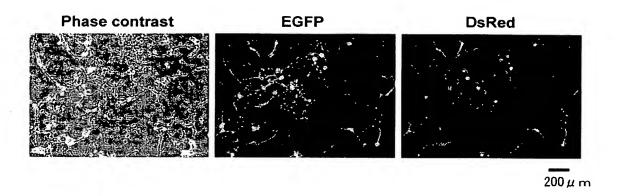
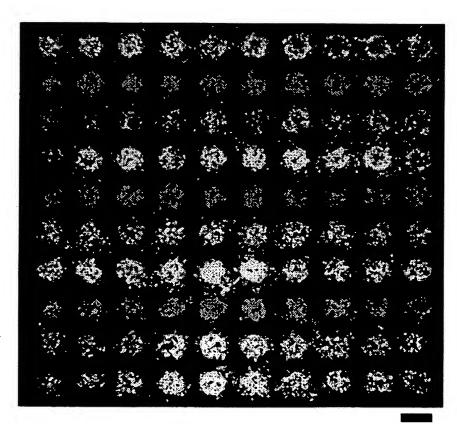


Fig. 21



5

Fig. 22



1 mm

This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

BLACK BORDERS

IMAGE CUT OFF AT TOP, BOTTOM OR SIDES

FADED TEXT OR DRAWING

BLURRED OR ILLEGIBLE TEXT OR DRAWING

SKEWED/SLANTED IMAGES

COLOR OR BLACK AND WHITE PHOTOGRAPHS

GRAY SCALE DOCUMENTS

LINES OR MARKS ON ORIGINAL DOCUMENT

REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY

OTHER:

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.